

REMARKS

As a preliminary matter, Applicants thank the Examiner for the allowance of claims 1-27.

Claim 28 stands rejected under 35 U.S.C. 112, second paragraph, as being indefinite. Applicants respectfully traverse the rejection because the portion of claim text identified by the Examiner is sufficiently clear and definite when read in light of the Specification to the present Application. Specifically, Fig. 4 of the present Application, and its accompanying text, illustrate and describe the subject matter of claim 28 in such a way as to enable one skilled in the art be able to create turbulence within the volume by application of only the pressurized fuel jet, and without mechanical assistance in the volume from either movement of the opposing movable walls, or movement of any other mechanical parts of the fueling apparatus that are clearly shown to exist *outside* the volume.

Applicants submit that the original claim language of claim 28 is sufficiently clear that the claim refers to the interior of the volume, when claim 28 is read in light of Fig. 4, and its accompanying text. Nevertheless, in the interests of expediting prosecution, Applicants have amended claim 28 herein. Specifically, claim 28 now even more clearly recites that the “mechanical assistance” is that which could occur *within* the volume itself, including the opposing walls at the exterior boundaries of the volume. Although these features of amended claim 28 should have already been clear to one skilled in the art, when read in light of the Specification, Applicants submit that this additional grammatical clarification excludes even the Examiner’s alternate reading of the claim language, which

reading is not consistent with the Specification. Reconsideration and withdrawal of the Section 112 rejection is therefore respectfully requested.

Claim 28 also stands rejected under 35 U.S.C. 102(b) as being anticipated by Buchel et al. (U.S. 6,425,354). Applicants respectfully traverse this rejection because the cited reference does not disclose (or suggest) a gas combustion-powered apparatus having a fueling apparatus that injects a pressurized fuel into a volume at a sufficient pressure to create turbulence in the volume without mechanical assistance in the volume, or from movement of walls defining the volume, as in claim 28 of the present invention, as amended.

Applicants first note, that in the outstanding Section 102 rejection, the Examiner does not actually assert that Buchel teaches (or suggests) that the fueling apparatus 41, 42 injects the pressurized fuel into the volume at a sufficient pressure to create turbulence in the volume. This particular language of claim 28, which the Examiner does not appear to have considered in this rejection, is significant both to claim 28 itself, and to some other embodiments of the present invention as well. The turbulence created by the pressurized fuel jet is, by itself, a patentably distinct feature of the present invention, and one which is neither taught nor suggested by Buchel. Accordingly, for at least these reasons, the Section 102 rejection is deficient on its face, and should be withdrawn.

Additionally, Applicants submit that the amendments to claim 28 discussed above, which grammatically clarify the features of the present invention described in the Specification, even further distinguish claim 28 from Buchel as well. Buchel does not teach (or suggest) that its fueling apparatus 41, 42 is capable of injecting fuel at sufficient pressure

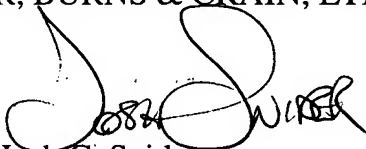
to create turbulence between the walls 14 and 18, and without mechanical assistance in the volume, or movement from the walls 14, 18. Accordingly, or at least these additional reasons, the rejection of claim 28 of the present invention is further traversed, and Applicants respectfully request withdrawal of the rejection for at least these additional reasons.

For all of the foregoing reasons, Applicants submit that this Application, including claims 1-28, is in condition for allowance, which is respectfully requested. The Examiner is invited to contact the undersigned attorney if an interview would expedite prosecution. Contact may alternatively be made with Lisa Soltis, the principal attorney of record, at (847)724-7500. All correspondence should be directed to Ms. Soltis.

Respectfully submitted,

GREER, BURNS & CRAIN, LTD.

By


Josh C. Snider
Registration No. 47,954

Customer No. 24978

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300 South Wacker Drive
Suite 2500
Chicago, Illinois 60606
Telephone: (312) 360-0080
Facsimile: (312) 360-9315
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